

CLAIMS

1. A disk carrier (1) with a complementary profile (2) for the acceptance of a disk packet (3), which is axially affixed by a snap ring (4) inserted in a groove (5), whereby the complementary profile (2) as well as the groove (5) can be made without machining by means of metal forming and the groove (5) possesses an internal circumferential surface (5a) two groove sides (5b, 5c) and the snap ring (4) has two flat faces (4a, 4b), therein characterized,

in that the groove side (5b) which abuts the snap ring (4) has an undercut with an angle of inclination α ,

in that both sides of the groove (5b, 5c) are parallel to one another,

in that the groove (5) can be made by stamping, to render a slanted surface at an angle of inclination α , with reference to a radial plane E,

in that the flat surfaces (4a, 4b) of the snap ring are designed to be conically inclined to one another at an angle of inclination of α ,

whereby $\beta \geq \alpha$ and the maximal width a of the snap ring (4) is placed in the neighborhood of the internal circumferential surface (5a) of the groove (5)

2. A disk carrier according to claim 1, therein characterized, in that it is designed as an outside disk carrier (1) and the complementary profile is designed as an inner profile (2).

3. A disk carrier according to claim 1, therein characterized, in that it is designed as an inside disk carrier and the complementary profile is designed as an outside profile.

4. A disk carrier according to claim 1, 2, or 3, therein characterized, in that the angles of inclination are respectively related to a radially positioned reference plane E and that the angle of inclination α thereto is preferably 2° .